



384646

## **AGENDA FOR CONFERENCE CALL**

### **ADVISORY GROUP FOR KALAMAZOO RIVER PCB FATE MODEL**

**November 10, 2004**

- *Introduction of advisory group members*
- *What are we trying to accomplish?*
- *How will we conduct the bi-weekly calls?*
- *What will we discuss during the bi-weekly calls?*

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# Kalamazoo Modeling Advisory Group

- *Introduction of advisory group members*

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## **What are we trying to accomplish?**

- **Potential objectives of the advisory group:**
  - Combine the experience and expertise of the group to aid in producing a model that is of sufficient reliability for use as a management tool.
  - Communicate progress and issues to stakeholders.
  - Identify that all relevant data are compiled for use in the model.
  - Produce consensus on model development to the maximum extent possible. Clearly define points of disagreement.

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## **How will we conduct the bi-weekly calls?**

- Potential approach for discussing model development:
  - Prior to bi-weekly call
    - Brief working agenda/presentation will be submitted to the group prior to call to provide basis for discussion.
      - Agenda will specify primary topic for discussion
      - Presentations are to be considered “Draft, Working Document” and are for limited distribution within the group.

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## **Potential approach for discussing model development:(continued)**

- During bi-weekly call
  - QEA/CH2M HILL/EPA will briefly discuss status of work completed since previous call
  - Discussion of primary topic
  - Determination of primary topic for next call
  - Conclusion by QEA/CH2M HILL/EPA
    - Summary of discussion
    - Action items

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## **Potential approach for discussing model development:(continued)**

– After bi-weekly call

- Draft meeting notes will be circulated for comments.
- After receiving comments, notes will be revised and redistributed, including remarks on consensus items and disagreements.

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# What will we discuss during the bi-weekly calls?

- Draft road map for the calls:
  - Five sub-models.
    - Hydrodynamics
    - sediment transport
    - bank erosion
    - PCB fate and transport
    - PCB Bioaccumulation
  - Will need to discuss the topics listed below for each model.

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## Draft road map for the calls (cont.)

- Model Structure
  - Basic model equations (e.g., conservation of mass & momentum).
  - Formulations for specific processes (e.g., erosion & deposition).
- Representation of the study area (Plainwell & Otsego City reaches)
  - Geometry, bathymetry and numerical grid
  - Boundary conditions
  - Spatial distributions of bed properties (physical and chemical).
  - Food web structure

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## Draft road map for the calls (cont.)

- Specification of model parameters.
- Strategy for calibration and validation.
- Strategy for assessment of uncertainty.

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